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| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number   | 10/026,988             |                 |
|                                                                                            | Filing Date          | December 20, 2001      |                 |
|                                                                                            | First Named Inventor | Kazuo Tsuge            |                 |
|                                                                                            | Group Art Unit       | N/A                    |                 |
|                                                                                            | Examiner Name        | Not Yet Assigned       |                 |
| Total Number of Pages in This Submission                                                   |                      | Attorney Docket Number | S2856.0024/P024 |

**ENCLOSURES (check all that apply)**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |  |
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| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input checked="" type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)<br><b>Declaration and Power of Attorney;<br/>Assignment;<br/>Assignment Recordation Cover Sheet</b> |         |  |
| <table border="1"><tr><td>Remarks</td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Remarks |  |
| Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |                                                                               |
|-------------------------|-------------------------------------------------------------------------------|
| Firm or Individual Name | DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP<br>Steven I. Weisburd; Reg. No. 27,409 |
| Signature               |                                                                               |
| Date                    | April 15, 2002                                                                |

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| <b>FEE TRANSMITTAL<br/>for FY 2002</b>                                         |  | <b>Complete if Known</b> |                   |
|--------------------------------------------------------------------------------|--|--------------------------|-------------------|
| <i>Patent fees are subject to annual revision.</i>                             |  | Application Number       | 10/026,988        |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  | Filing Date              | December 20, 2001 |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$ ) 280.00                                    |  | First Named Inventor     | Kazuo Tsuge       |
|                                                                                |  | Examiner Name            | Not Yet Assigned  |
|                                                                                |  | Group Art Unit           | N/A               |
|                                                                                |  | Attorney Docket No.      | S2856.0024/P024   |

  

| METHOD OF PAYMENT (check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FEE CALCULATION (continued)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None<br><input type="checkbox"/> Deposit Account<br>Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">04-1073</span><br>Deposit Account Name: <span style="border: 1px solid black; padding: 2px 50px;">Dickstein Shapiro Morin &amp; Oshinsky LLP</span><br>The Commissioner is hereby authorized to: (check all that apply)<br><input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input type="checkbox"/> Charge any additional fee(s) during the pendency of this application<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.                                                                                                                                                                                      | <b>3. ADDITIONAL FEES</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>130.00</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td>110</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="4"> <b>SUBTOTAL (1)</b> (\$ ) 0.00             </td> <td colspan="2"> <b>SUBTOTAL (3)</b> (\$ ) 280.00             </td> </tr> </tbody> </table> | Large Entity |          | Small Entity                                                               |          | Fee Description | Fee Paid | Fee Code     | Fee (\$) | Fee Code        | Fee (\$) | 105      | 130      | 205      | 65       | Surcharge - late filing fee or oath | 130.00 | 127 | 50  | 227                    | 25 | Surcharge - late provisional filing fee or cover sheet |     | 139 | 130 | 139                               | 130 | Non-English specification |     | 147 | 2,520 | 147                                   | 2,520 | For filing a request for <i>ex parte</i> reexamination |     | 112 | 920* | 112                                                | 920* | Requesting publication of SIR prior to Examiner action |     | 113 | 1,840* | 113                                                        | 1,840* | Requesting publication of SIR after Examiner action |  | 115 | 110 | 215   | 55   | Extension for reply within first month | 110 | 116 | 400 | 216 | 200 | Extension for reply within second month |  | 117 | 920 | 217 | 460 | Extension for reply within third month |  | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month |  | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month |  | 119 | 320 | 219 | 160 | Notice of Appeal |  | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal |  | 121 | 280 | 221 | 140 | Request for oral hearing |  | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,280 | 241 | 640 | Petition to revive - unintentional |  | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) |  | 143 | 460 | 243 | 230 | Design issue fee |  | 144 | 620 | 244 | 310 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) |  | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 149 | 740 | 249 | 370 | For each additional invention to be examined (37CFR 1.129(b)) |  | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) |  | 169 | 900 | 169 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  | <b>SUBTOTAL (1)</b> (\$ ) 0.00 |  |  |  | <b>SUBTOTAL (3)</b> (\$ ) 280.00 |  |
| Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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Paid |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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| 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 205          | 65       | Surcharge - late filing fee or oath                                        | 130.00   |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 127                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 227          | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 139                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2,520                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 147          | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 920*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 112          | 920*     | Requesting publication of SIR prior to Examiner action                     |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,840*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 118                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 228          | 980      | Extension for reply within fifth month                                     |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 119                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 219          | 160      | Notice of Appeal                                                           |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 220          | 160      | Filing a brief in support of an appeal                                     |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 221          | 140      | Request for oral hearing                                                   |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 138                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 138          | 1,510    | Petition to institute a public use proceeding                              |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 240          | 55       | Petition to revive - unavoidable                                           |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 141                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 241          | 640      | Petition to revive - unintentional                                         |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 242          | 640      | Utility issue fee (or reissue)                                             |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 143                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 243          | 230      | Design issue fee                                                           |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 123          | 50       | Processing fee under 37 CFR 1.17(q)                                        |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 126                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 126          | 180      | Submission of Information Disclosure Stmt                                  |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 581                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 581          | 40       | Recording each patent assignment per property (times number of properties) | 40.00    |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 740                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 246          | 370      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 740                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 249          | 370      | For each additional invention to be examined (37CFR 1.129(b))              |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 179                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 740                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 279          | 370      | Request for Continued Examination (RCE)                                    |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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| 169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                         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| Other fee (specify) _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| <b>SUBTOTAL (1)</b> (\$ ) 0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4"><b>SUBTOTAL (1)</b></td> <td>(\$ )</td> <td>0.00</td> </tr> </tbody> </table>                                                                                        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Large Entity    |          | Small Entity |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 101                                 | 740    | 201 | 370 | Utility filing fee     |    | 106                                                    | 330 | 206 | 165 | Design filing fee                 |     | 107                       | 510 | 207 | 255   | Plant filing fee                      |       | 108                                                    | 740 | 208 | 370  | Reissue filing fee                                 |      | 114                                                    | 160 | 214 | 80     | Provisional filing fee                                     |        | <b>SUBTOTAL (1)</b>                                 |  |     |     | (\$ ) | 0.00 |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     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| Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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| <b>SUBTOTAL (1)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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   |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4"><b>SUBTOTAL (2)</b></td> <td>(\$ )</td> <td>0.00</td> </tr> </tbody> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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Large Entity    |          | Small Entity |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 103                                 | 18     | 203 | 9   | Claims in excess of 20 |    | 102                                                    | 84  | 202 | 42  | Independent claims in excess of 3 |     | 104                       | 280 | 204 | 140   | Multiple dependent claim, if not paid |       | 109                                                    | 84  | 209 | 42   | ** Reissue independent claims over original patent |      | 110                                                    | 18  | 210 | 9      | ** Reissue claims in excess of 20 and over original patent |        | <b>SUBTOTAL (2)</b>                                 |  |     |     | (\$ ) | 0.00 |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Small Entity |          | Fee Description                                                            | Fee Paid |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| Fee Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fee (\$)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fee Code     | Fee (\$) |                                                                            |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 203          | 9        | Claims in excess of 20                                                     |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 102                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 202          | 42       | Independent claims in excess of 3                                          |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 204          | 140      | Multiple dependent claim, if not paid                                      |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                         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| 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 209          | 42       | ** Reissue independent claims over original patent                         |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 210          | 9        | ** Reissue claims in excess of 20 and over original patent                 |          |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |     |     |                                         |  |     |       |     |     |                                        |  |     |     |     |     |                  |  |     |     |     |     |                                        |  |     |     |     |     |                          |  |     |       |     |       |                                               |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |                                     |  |     |     |     |     |                                           |  |     |    |     |    |                                                                            |       |     |     |     |     |                                                             |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |
| <b>SUBTOTAL (2)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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  |                 |          |              |          |                 |          |          |          |          |          |                                     |        |     |     |                        |    |                                                        |     |     |     |                                   |     |                           |     |     |       |                                       |       |                                                        |     |     |      |                                                    |      |                                                        |     |     |        |                                                            |        |                                                     |  |     |     |       |      |                                        |     |     |     |     |     |                                         |  |     |     |     |     |                                        |  |     |       |  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                                    |  |     |     |     |     |                                                               |  |     |     |     |     |                                         |  |     |     |     |     |                                                           |  |                           |  |  |  |  |  |                                |  |  |  |                                  |  |

\*\*or number previously paid, if greater; For Reissues, see above

  

| SUBMITTED BY      |                    | Complete (if applicable)          |                |
|-------------------|--------------------|-----------------------------------|----------------|
| Name (Print/Type) | Steven I. Weisburd | Registration No. (Attorney/Agent) | 27,409         |
| Signature         |                    | Telephone                         | (212) 896-5470 |
|                   |                    | Date                              | April 15, 2002 |

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UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/026,988         | 12/20/2001          | Kazuo Tsuge           | P/2856-24              |

CONFIRMATION NO. 1223

 000002352  
 OSTROLENK FABER GERB & SOFFEN  
 1180 AVENUE OF THE AMERICAS  
 NEW YORK, NY 100368403

FORMALITIES LETTER



\*OC00000007396123\*

Date Mailed: 01/31/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice MUST be returned with the reply.*

 Customer Service Center  
 Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

04/16/2002 HDEHESS1 00000076 10026988

01 FC:105

130.00 OP



Docket No.: S2856.0024/P024  
P/2856-24  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kazuo Tsuge

Application No.: 10/026,988

Group Art Unit: N/A

Filed: December 20, 2001

Examiner: Not Yet Assigned

For: IN-STORE PRODUCT INFORMATION  
RETRIEVAL SYSTEM AND METHODS

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

**Box Missing Parts**  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date  
Granted mailed January 31, 2002, Applicant respectfully submits a Combined Declaration  
and Power of Attorney and an Assignment.

Our check in the amount of \$130.00 covering the fee set forth in 37 CFR  
1.16(e) is enclosed. The Commissioner is hereby authorized to charge any deficiency in  
the fees filed, asserted to be filed or which should have been filed herewith (or with any

paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073,  
under Order No. S2856.0024/P024. A duplicate copy of this paper is enclosed.

Dated: April 15, 2002

Respectfully submitted,

By 

Steven I. Weisburd

Registration No.: 27,409

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